

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-38 Canceled.

39. (Previously presented) A composition for desulfurization comprising molecular sieves, a supporter, and a zeolite, wherein the sieve has a molecular sieve skeleton and vanadium is incorporated into the molecular sieve skeleton.

40. (Previously presented) The composition according to claim 39 further comprising a binder.

41. (Currently amended) The composition according to claim 39, wherein the molecular sieve sieves is present in 1 to 20 weight percent of the composition.

42. (Currently amended) The composition according to claim 39, wherein the ratio of zeolite to molecular sieve sieves is 1 to 50 by weight.

43. (Currently amended) The composition according to claim 39, wherein at least one of the molecular sieves are is at least one of VS-n, VAPO-n, or VSAPO-n.

44. (Previously presented) The composition according to claim 43, wherein the VS-n is VS-1 or VS-2 and has silicon and vanadium and the molar ratio of Si to V is from 10:1 to 300:1.

45. (Previously presented) The composition according to claim 43, wherein the VAPO-n is VAPO-5, VAPO-11, VAPO-17, or VAPO-31 and has aluminum and vanadium and the molar ratio of Al to V is from 10:1 to 300:1.

46. (Previously presented) The composition according to claim 39, wherein the zeolite is a large pore size zeolite or an intermediate pore size zeolite.

47. (Previously presented) The composition according to claim 39, wherein the zeolite is zeolite Y, ZSM-5, or a combination thereof.

48. (Original) The composition according to claim 47, wherein the zeolite Y is USY or REUSY, or is modified by metal oxides.

49. (Previously presented) The composition according to claim 47, wherein the ZSM-5 is modified by a rare earth or by a rare earth and phosphorus.

50. (Previously presented) The composition according to claim 39, wherein the supporter is clay.

51. (Original) The composition according to claim 40, wherein the binder is at least one of silica sol, alumina sol, or pseudoboehmite.

Claims 52-64 cancelled.

65. (Previously presented) A process for reducing the sulfur content in a compound comprising

providing a sulfur containing organic compound; and

passing the sulfur containing organic compound by a composition for desulfurization comprising molecular sieves, a supporter, and a zeolite, wherein the sieve has a molecular sieve skeleton and vanadium is incorporated into the molecular sieve skeleton.

66. Cancelled.

67. (Previously presented) The process according to claim 65, wherein the composition further comprises a binder.

68. (Previously presented) The process according to claim 65, wherein the molecular sieve is present in 1 to 20 weight percent of the composition.

69. (Previously presented) The process according to claim 65, wherein the ratio of zeolite to molecular sieve is 1 to 50 by weight.

70. (Previously presented) The process according to claim 65, wherein the molecular sieves is at least one of VS-n, VAPO-n, or VSAPO-n.

71. (Previously presented) The process according to claim 70, wherein the VS-n is VS-1 or VS-2 and has silicon and vanadium and the molar ratio of Si to V is from 10:1 to 300:1.

72. (Previously presented) The process according to claim 70, wherein the VAPO-n is VAPO-5, VAPO-11, VAPO-17, or VAPO-31 and has aluminum and vanadium and the molar ratio of Al to V is from 10:1 to 300:1.

73. (Previously presented) The process according to claim 65, wherein the zeolite is a large pore size zeolite or an intermediate pore size zeolite.

74. (Previously presented) The process according to claim 65, wherein the zeolite is zeolite Y, ZSM-5, or a combination thereof.

75. (Previously presented) The process according to claim 65, wherein the zeolite Y is USY or REUSY, or is modified by metal oxides.

76. (Previously presented) The process according to claim 75, wherein the ZSM-5 is modified by a rare earth or by a rare earth and phosphorus.

77. (Previously presented) The process according to claim 65, wherein the supporter is clay.